

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR R924CHDSL 033185-1066 - Diesel Engine

Sample No: LH0269659

Oil Type: DIESEL ENGINE OIL SAE 10W30



#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0269659	LH0068831	---	---
Date d'échant.	18 Mar 2024	23 Jan 2014	---	---
Heures de la Machine	1265	542	---	---
Heures de l'huile	0	0	---	---
Huile changée	Changed	Changed	---	---
Statut de l'échant.	NORMAL	NORMAL	---	---

**Terramac Contracting Ltd.**  
 10 Eveleigh Dr.  
 North Sydney, NS  
 CA B1V 3K6  
 Contact: Vernon Mackillop



#### ÉTAT D'HUILE

Visc 100°C	cSt	13.8	● 13.0	---	---
Indice d'alcalinité	mg KOH/g	---	● 14.8	---	---
Oxydation (PA)	%	65	● 49	---	---

T: (902)565-6668  
 F:

#### Diagnostic

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Viscosity of sample indicates oil is within SAE 40 range, advise investigate. The condition of the oil is acceptable for the time in service.



#### CONTAMINATION

Eau	%	NEG	NEG	---	---
% de suie	%	● 0	● 0.2	---	---
Nitration (PA)	%	58	● 106	---	---
Sulfatation (PA)	%	57	● 57	---	---
Glycol	%	NEG	NEG	---	---
Essence	%	<1.0	<1.0	---	---
Silicium	ppm	● 6	● 7	---	---
Sodium	ppm	● 2	● 4	---	---
Potassium	ppm	● 7	● 4	---	---



#### MÉTAUX D'USURE

Fer	ppm	● 19	● 27	---	---
Cuivre	ppm	● 1	● 20	---	---
Plomb	ppm	● <1	● 5	---	---
Étain	ppm	● 0	● 4	---	---
Aluminium	ppm	● 2	● 2	---	---
Chrome	ppm	● <1	● 2	---	---
Molybdène	ppm	● 0	● 0	---	---
Nickel	ppm	● <1	● <1	---	---
Titane	ppm	● 0	<1	---	---
Argent	ppm	● 0	0	---	---
Manganèse	ppm	● 0	1	---	---
Vanadium	ppm	● 0	0	---	---



#### ADDITIFS

Calcium	ppm	● 2243	● 4897	---	---
Magnésium	ppm	● 13	● 32	---	---
Zinc	ppm	● 1152	● 1532	---	---
Phosphore	ppm	● 1017	● 1178	---	---
Baryum	ppm	● 0	99	---	---
Bore	ppm	● 158	● 193	---	---

**Depot:** TERSYD  
**Unique No:** 5748127  
**Signed:** Kevin Marson  
**Report Date:** 19 Mar 2024



### GRAPHS

